

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Canceled).

2. (Currently Amended) The TDMA-TDD based transmission/reception apparatus according to claim † 8, wherein the detector detects the propagation conditions using the transmission level levels of common control channel signals communicated by a the plurality of base stations and the reception level levels of the common control channel signals transmitted by the plurality of base stations.

3. (Currently Amended) The TDMA-TDD based transmission/reception apparatus according to claim † 8, wherein the detector detects the propagation conditions using the transmission level levels of dedicated traffic channel signals from a the plurality of base stations and the reception level levels of the dedicated traffic channel signals transmitted by the plurality of base stations.

4. (Currently Amended) The TDMA-TDD based transmission/reception apparatus according to claim ‡ 8, wherein the transmitter transmits an the dedicated traffic channel signal to the selected base station using with a transmit power value set with an open loop using and based upon the propagation condition detected for the selected from each base station to the base station selected by the selector.

Claims 5-7 (Canceled).

8. (New) A TDMA-TDD based transmission/reception apparatus mounted in a mobile station and transmitting and receiving signals by providing a downlink traffic slot and an uplink traffic slot alternately in a traffic frame, the transmission/reception apparatus comprising:

a detector that receives signals transmitted from a plurality of base stations in a traffic frame during a handover, and, based on these signals, detects propagation conditions with the plurality of base stations respectively;

a selector that, based on detection results of the propagation conditions, selects a base station corresponding to an optimal propagation condition from among the plurality of base stations; and

a transmitter that assigns an uplink slot only to the selected base station in a same traffic frame in which the signals from the plurality of base stations are received during the handover and transmits a dedicated traffic channel signal only to the selected base station.

9. (New) A TDMA-TDD based transmission/reception method in a mobile station, the method comprising:

receiving signals transmitted from a plurality of base stations in a traffic frame during a handover, and, based on these signals, detecting propagation conditions with the plurality of base stations respectively;

selecting a base station corresponding to an optimal propagation condition from among the plurality of base stations based on detection results of the propagation conditions; and

assigning an uplink slot only to the selected base station in a same traffic frame in which the signals from the plurality of base stations are received during the handover; and

transmitting a dedicated traffic channel signal only to said selected base station.

10. (New) A base station that carries out a radio communication with a TDMA-TDD based transmission/reception

apparatus mounted in a mobile station and transmitting and receiving signals by providing a downlink traffic slot and an uplink traffic slot alternately in a traffic frame, the transmission/reception apparatus comprising:

a detector that receives signals transmitted from a plurality of base stations in a traffic frame during a handover, and, based on these signals, detects propagation conditions with the plurality of base stations respectively;

a selector that, based on detection results of the propagation conditions, selects a base station corresponding to an optimal propagation condition from among the plurality of base stations; and

a transmitter that assigns an uplink slot only to the selected base station in a same traffic frame in which the signals from the plurality of base stations are received during the handover and transmits a dedicated traffic channel signal only to the selected base station.